



The World of NOAA's PPBES



Part I: Who are the Players ?



Where do I fit in?



NOAA's Strategic Goals



NOAA's Vision:

To move NOAA into the 21st century scientifically and operationally, in the same interrelated manner as the environment that we observe and forecast, while recognizing the link between our global economy and our planet's environment.

Ecosystems

Climate

**Weather and
Water**

**Transportation
and Commerce**

**Protect, restore, and manage the
use of coastal and ocean
resources through ecosystem-
based management**



Ecosystem

Goal Outcomes and Objectives



PERFORMANCE OBJECTIVES

- ☐ Increase population levels of protected species
 - ☐ Increase environmentally sound aquaculture production
 - ☐ Increase population's knowledge of ecosystems
 - ☐ Increase containment of invasive species
 - ☐ Increase conserved habitat acres
 - ☐ Increase delineated regional ecosystems with approved indicators
 - ☐ Increase number of coastal communities using ecosystem and sustainable development principles
 - ☐ Increase number of sustainable fish stocks
 - ☐ Increase public knowledge and stewardship
- Outcome: Healthy and productive coastal and marine ecosystems that benefit society**
- Outcome: A well-informed public that acts as a steward of coastal and marine ecosystems**



NOAA Ecosystem Goal



Expected Outcomes

Expected Outcomes

Increased # of areas using ecosystem best management practices and approaches

Improved ecological conditions for coral ecosystems

Increased #'s acres and stream-miles restored for coastal and ocean species

Increased #'s coastal & marine ecosystems at healthy & sustainable level

Increased socio-economic value of marine environment & resources.

Coastal Marine Resources

Corals

Habitat

Fisheries Management Program

Protected Species Program

Increased # of protected species in stable condition or upward trend

Increased #'s managed species at optimum levels

Increased ocean fisheries production through aquaculture technology

Aquaculture

Enforcement - Provide Enforcement services for NOAA stewardship

Ecosystem Observations program (EOP) & Ecosystem Research Program (ERP): Increased scientific tools & assessments supporting ecosystem management



EOP & ERP Are “Matrix” Programs



- Program Team Composition
 - NMFS - Fisheries Science Centers and Labs (6 regions)
 - OAR – Pacific Marine Environmental Laboratory (Seattle WA) Atlantic Environmental laboratory (AOML) Miami
 - NOS - National Centers for Coastal Ocean Science (NCCOS)
 - NESDIS – Natl. Oceanic Data Center, National Coastal Data Development Center (Silver Spring, MD/ Stennis Space Center, MS)
- Program Customers
 - NOAA’s Ecosystem Goal Stewardship Programs
 - NOAA Lines and Programs
 - Fisheries Management Councils
 - State and Local Governments
 - International Organizations
 - Industry
 - Academia
 - NGOs and Public



PR represented in three programs: PSP, ERP, & EOP



- Inconsistencies....
 - There is research in Ecosystem Observations (to improve observing capabilities)
 - There are observations in Ecosystem Research (to support research & development)
 - PSP funds research and observations on behalf of ERP & EOP
- Know the Program Content Conventions



Part II

PPBES Annual Cycle



"Timing is everything..."





PPBES is...



- A way to link program goals and missions to requirements based budget development

- **Planning** – *what to we want to do?*
 - Focus NOAA's performance and priorities on the right activities
 - Determine quantity and quality of required resources to support the strategy
- **Programming** – *how are we going to get there?*
 - Distribute available "resources" among competing requirements
- **Budgeting** – *how are we going to pay for it?*
 - Convert program decisions on dollars and resources into requests for congressional authorization and appropriations
- **Execution** – *how are we going to spend it?*
 - Apply resources to achieve program objectives
 - Adjust resource requirements based on execution performance
 - Manage and account for funds to carry out approved programs
- **System** – <https://www.ppbs.noaa.gov/>



Old RPS Annual Allocation System: Bottom-Up Approach



- Late Summer Silver Spring Meetings
- 3-Groups x Each FMC (Marine Mammals, Turtles & Candidate Species)
- Hammered Out Draft Spend Plans Based on FMCs' Regional Priorities & Fiscal Guidance
- Vetted Through OPR & FMC Directors
- Draft Plan forwarded after January 1st
- Funding showed up in spring...sometimes
- Spend money and payback loans

That was then...

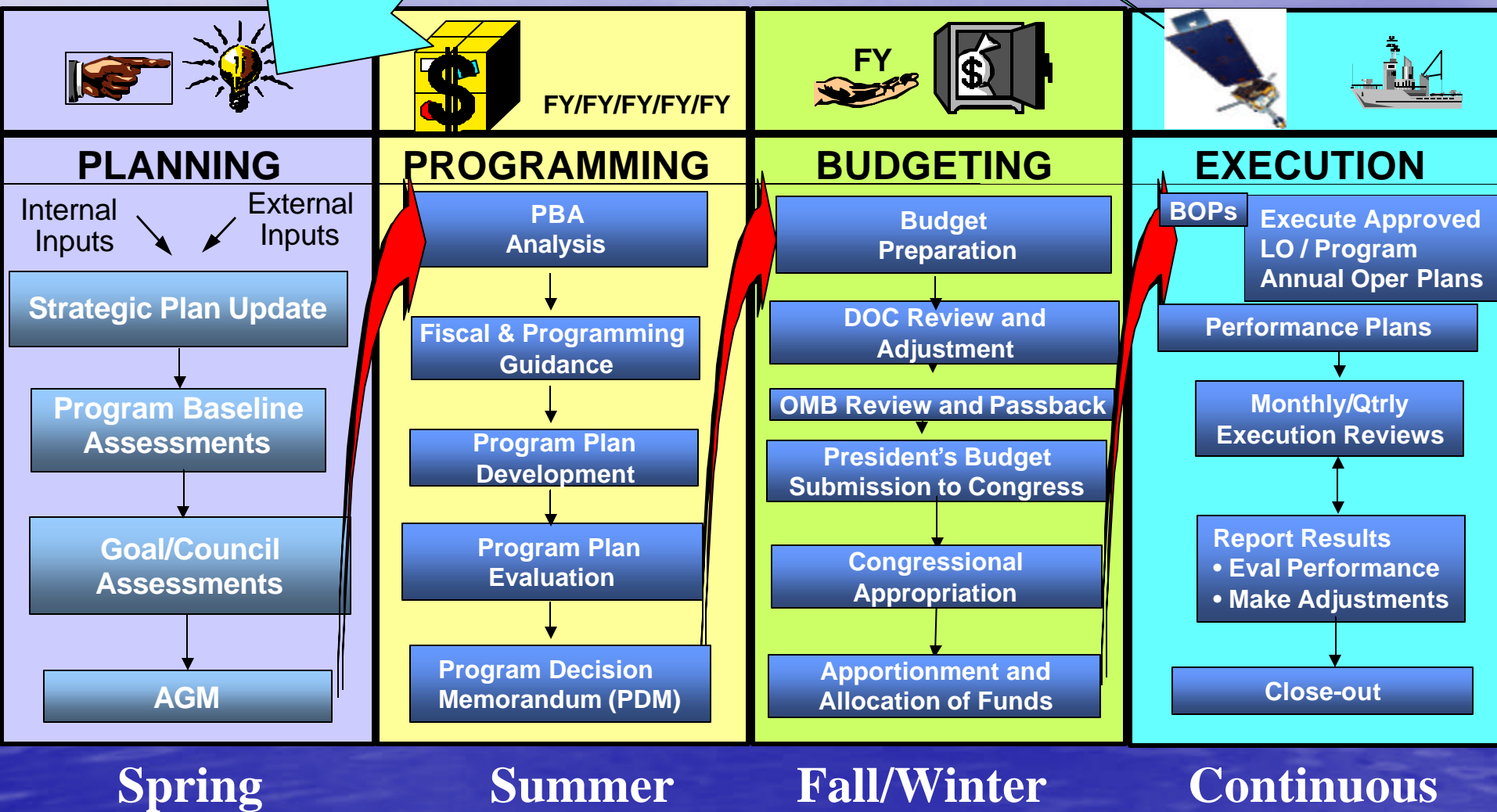


This Is Now...

PPBES is a Top Down Approach
Programs Develop Priorities / NOAA
Guidance (AGM)
Line Offices Responsible for Execution
Programs Evaluate & Report on LO
Performance



Program Planning, Budget, and Execution System (PPBES) Cycle





5-yr planning window

- FY2005 – Year just completed
- FY2006 – Waiting for Congressional Appropriation – CR limited spending
- FY2007 – Waiting for OMB to Approve Budget
- FY08-FY12 – In the Programming Phase
- FY09-FY13 – Next Opportunity for New Programs

Think ahead to have a place at the table...



Part III



There must be a purpose in life....

- Programs & Activities:
 - Must be linked to NOAA goals
 - Mandated Drivers
 - Annual Guidance Memorandum (AGM)
 - Live within Fiscal Guidance



National Issues and Program Drivers



Fish and Wildlife Coordination Act
Magnuson-Stevens Fishery Conservation and Management Act
Marine Mammal Protection Act
International Marine Resource Agreements
National Aquatic Invasive Species Act
National Marine Sanctuaries Act
Coastal Zone Management Act
Oceans and Human Health Act

Habitat Loss and Fragmentation
Sustainable Fisheries and Dependent Communities
Conserve and Recover Protected Species
Point and Non-Point Source Pollution
Invasive Species
Climate Change
HABs Impact on LMRs and Human Health
Coastal Development for Public Health, Welfare, and Safety

The US Ocean Action Plan is a commitment to address these issues and drivers

Atlantic Coastal Fisheries Cooperative Management Act
National Offshore Aquaculture Act
Endangered Species Act
Comprehensive Environmental Response, Compensation, and Liability Act
US Climate Change Science Program Strategic Plan
Coral Reef Conservation Act
Harmful Algal Bloom and Hypoxia Research and Control Act
National Sea Grant College Program Act



Program Baseline Assessment Program Operating Plan (new) (PBA/POP)



- **Begins Annual PPBES Cycle – March kick-off**
- **Defining the current program**
 - **Products, services and resources**
- **Identifying resources needed to meet 100% of Mission Requirements (5-YR Goal) FMC's provide input to Programs on needs & priorities**
- **Analyzing the Gaps between current program and 100% requirement**
- **Recommending alternatives methods to fill the gaps (AKA Old “initiatives”)**



AOP's: Measuring Performance



- Field "Executes Program Plans" and reports on implementation progress/performance –
- Programs Report on:
 - Budget Spending (Actual vs Planned)
 - FTE Labor Costs (Actual vs Planned)
 - Milestones – achieved & missed
 - Performance Measures
 - Impacts to Program Achieving Goals / Outcomes
 - Mitigation Measures – What are you doing about it?



NMFS E-AOP



- A new programmatic database of “activities” supported by budget lines (PPAs)
- If you spend \$ on it, it must have a performance metric – “milestone”
- Milestones define what will be done, when (quarter), and what the outcome will be
- Milestones are linked to “Programs” & their “capabilities”
- LO/FMCs report Planned and Actual obligations
- Programs (PSM, ERP, EOP) use for PBA/POP



Tier III development



- PR Stock Assessment Improvement Plan (SAIP) – a “requirements document”
- Tier I – Status Quo
- Tier II – Meeting Mandates /Adequate
- Tier III – Next generation Assessments – breaking the “ecosystem barrier”

Thanks !



Questions ?

